

# Product data sheet

Specifications

SQUARE D



Mini circuit breaker, QO, 90A, 2 pole, 120/240VAC, 10kA, plug in

QO290

Product availability: Stock - Normally stocked in distribution facility

## Main

Product	Miniature circuit-breaker
Range	QO
Current Rating	90 A
Voltage Rating	120/240 V AC 120 V AC
Mounting Type	Plug-in
Number of Poles	2P
Circuit Breaker Type	Standard
Ratings	HACR rated
Electrical Connection	Box lugs

## Complementary

Interrupt Rating	10 kA 120/240 V AC 10 kA 120 V AC
Number of Panel Spaces	2
Wire Size	AWG 4...AWG 2/0 copper or aluminium
Tightening Torque	49.6 lbf.in (5.6 N.m)
Height	3.5 in (89 mm)
Width	1.5 in (38 mm)
Depth	2.9 in (74 mm)
Net Weight	0.800 lb(US) (0.363 kg)

## Environment

Certifications	UL Listed CSA
Ambient Rating	104 °F (40 °C)

## Ordering and shipping details

Category	US1DE2A00104
Discount Schedule	DE2A
GTIN	785901501312
Returnability	Yes
Country of origin	MX

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

## Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	3.50 in (8.890 cm)
Package 1 Width	1.60 in (4.064 cm)
Package 1 Length	3.80 in (9.652 cm)
Package weight(Lbs)	11.200 oz (317.514 g)
Unit Type of Package 2	CAR
Number of Units in Package 2	51
Package 2 Height	3.90 in (9.906 cm)
Package 2 Width	14.00 in (35.560 cm)
Package 2 Length	21.00 in (53.340 cm)
Package 2 Weight	36.670 lb(US) (16.633 kg)

## Contractual warranty

Warranty	18 months
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## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Environmental footprint

Carbon footprint (kg CO2 eq, Total Life cycle) 20

Environmental Disclosure [Product Environmental Profile](#)

## Use Better

### Materials and Substances

Packaging made with recycled cardboard No

Packaging without single use plastic Yes

[EU RoHS Directive](#) Compliant

SCIP Number Af42fb01-813d-40c0-ae28-b8b3299dbc99

REACH Regulation [REACH Declaration](#)

California proposition 65 **WARNING: This product can expose you to chemicals including: Cadmium and cadmium compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)**

Halogen content performance Halogen free product

## Use Again

### Repack and remanufacture

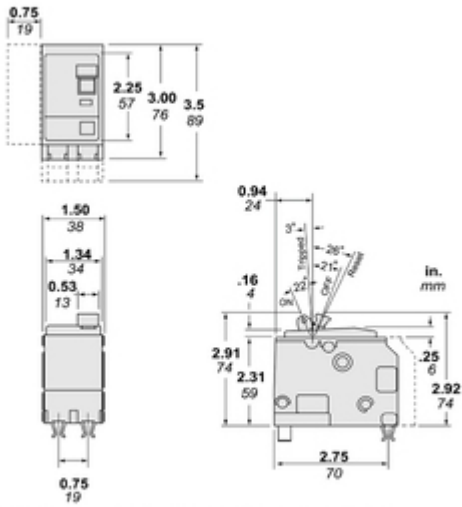
Circularity Profile No need of specific recycling operations

Take-back No

Technical Illustration

Dimensions

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Dimensions are approximate. Refer to technical documentation for additional detail.

Image of product / Alternate images

Alternative

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### Technical Benefits Thermal Magnetic Breaker



Miniature circuit breaker rated at 90A



Protects against overloads and short-circuits



Easy plug on circuit breaker that's compatible with Square D™ QO Loadcenters



The current capacity that this circuit breaker is able to interrupt before breaking is 10kA



Quickly identify tripped breakers with our Visi-Trip indicator



Compatible with QO electrical panels and CSEDs with 2 spaces



**Compatible products**

QO 90 Amp 2 Pole  
Circuit Breaker  
MFG Model Number: QO290CP



Compatible with Square D  
QO electrical panels, CSED  
with 2 spaces



HL01CP



PK2MBCP

